

Architectural Thesis

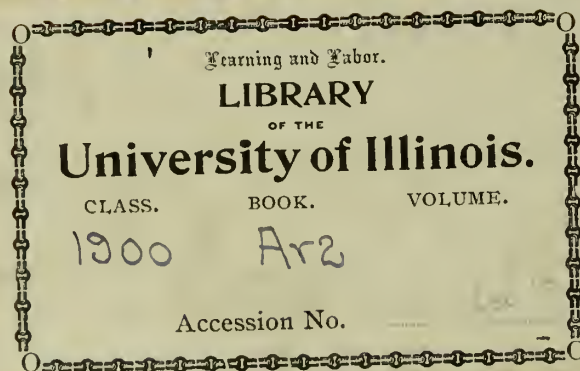
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# AN ATHLETIC CLUB HOUSE

.. BY ...

GEORGE FRANK KEPLER

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## THESIS

FOR THE DEGREE OF BACHELOR OF SCIENCE

IN ARCHITECTURE

IN THE

College of Engineering

OF THE

UNIVERSITY OF ILLINOIS

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PRESENTED JUNE, 1900



UNIVERSITY OF ILLINOIS

June 1, 1900.

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THIS IS TO CERTIFY THAT THE THESIS PREPARED UNDER MY SUPERVISION BY

George Frank Kepner

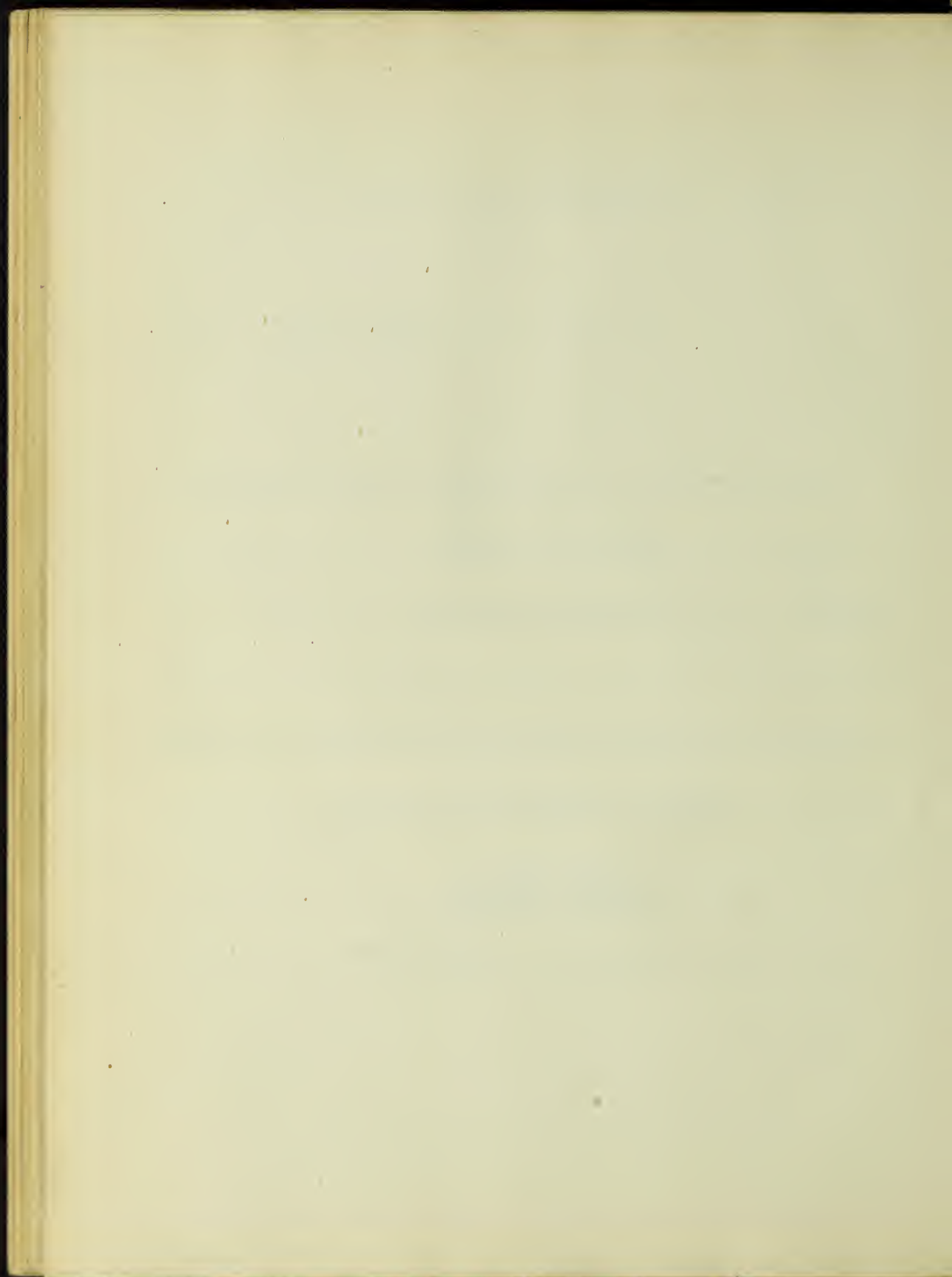
ENTITLED An Athletic Club House

IS APPROVED BY ME AS FULFILLING THIS PART OF THE REQUIREMENTS FOR THE DEGREE

OF Bachelor of Science in Architecture.

*C. G. Picken*

HEAD OF DEPARTMENT OF Architecture.





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### Description of the Problem.

The drawings for this design comprise four sheets. The first contains plans of the first and second stories at one eighth inch scale; the second sheet shows the basement at one sixteenth, and the third, fourth and fifth floors at three thirty seconds inch scale. The front and rear elevations are given on the third and fourth sheets respectively. These are drawn at a one eighth inch scale and are rendered in cold ink.

The conditions of the problem are as follows. - The building is supposed to be located in a city of the first or second class; and occupies a corner lot in a fashionable and closely built-up district. A service passage extends along the rear, while the remaining side is in contact with an adjoining structure.

The Club House is primarily intended to fulfill the requirements of an athletic association. For this purpose the entire fifth floor is devoted to the gymnasium with its auxiliary rooms; such as hand-ball courts, reception room, manager's room etc.





6.  
A running track of seventeen fathoms to the mile  
and the first via externa around the four  
sides of the gymnasium. On the fourth  
floor are showering and fencing rooms; bath-  
and individual dressing rooms and an open  
space is reserved for various forms of baths  
including the dependent rubbing and drying  
rooms.

On the first floor is a spacious swimming  
tank, measuring seventeen by seventy five  
feet, with dressing rooms placed along  
the sides, while at one end is the lounging  
space provided with seats. A balcony  
overlooks the pool, and is entered from a  
landing off the main stairways.

Connecting with the main corridor and  
also with the swimming tank is the  
Turkish bath suite. The dressing room  
and figidarium are located below in the  
basement and are reached by a spiral  
stairway. The last mentioned rooms  
are lighted by floor lights while both  
the swimming tank and plunge for the  
Turkish bath are covered by large sky-  
lights.

Through the prevailing motive of the Club





3.  
is athletics, ample provision has been made for social features, as set forth in the ordinary club, to attract those who care little for indoor sports.

In the basement are bowling alleys, - five in number. Space is provided along the side for spectators and at the end, raised two steps, is space for tables where refreshments may be served.

Parallel to the bowling alleys, under the sidewalk, is the shooting gallery, having a range of one hundred feet. The barber shop, bicycle stable and similar rooms are also placed in the basement.

On the first floor are billiard and pool rooms, accommodating nine tables while through wide openings, the bucket commands a view of both rooms.

Two dining rooms are placed on the second floor. These may be used in conjunction or the smaller, as occasion demands, may be used for private dinners. On this floor, facing the front, is located a library, reading room, and newspaper and journal room; while at the rear are placed the committee room, secretary and treasurer's office and the trophy room.





Above the dining rooms, on the third floor, are rooms reserved for parlor games; one room being devoted to cards, another to crokinole and checkers; while the largest of the three is for games in general.

The parlor occupies a position on the front of the building and is adjoined by the music room.

At the rear, separated from the club rooms by solid tile partitions is the kitchen with pantry, refrigerator, ~~and~~ and pastry kitchen in connection. Above these is a mezzanine story devoted to store rooms.

The different stories are reached by elevator and a grand stairway at the side of the main hall, which is lighted from the light court above the swimming tank. Street communication with the basement is obtained at either side of the main entrance. Service stairs run from the basement to the kitchen and near by are dumbwaiters and freight lift.

The building is to be heated by both direct and indirect steam radiation. The furnace and boiler room is placed under the side walk where also are the engine room,





coal bunker and store rooms, a fan for taking in the fresh air is situated under the lounge room for the swimming pool, then a fan is placed at the rear of the gymnasium for the removal of the foul air. The air ducts run horizontally over the fourth story and are concealed by a drop ceiling.

The building is to be of steel frame construction with steel supporting walls and as little combustible material as possible will be used in finishing the interior. Halls, corridors, toilet, bath rooms, etc. will have tile and mosaic floors. Marble wainscoting will be used in all principal rooms, while the walls above and ceilings will be worked out in plaster. Unglazed tile will be used in the Turkish hot rooms and steam drying rooms.

The design is in the French Renaissance and all exterior walls where exposed to view are to have a stone veneer as shown by the elevations.







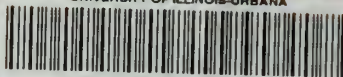








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